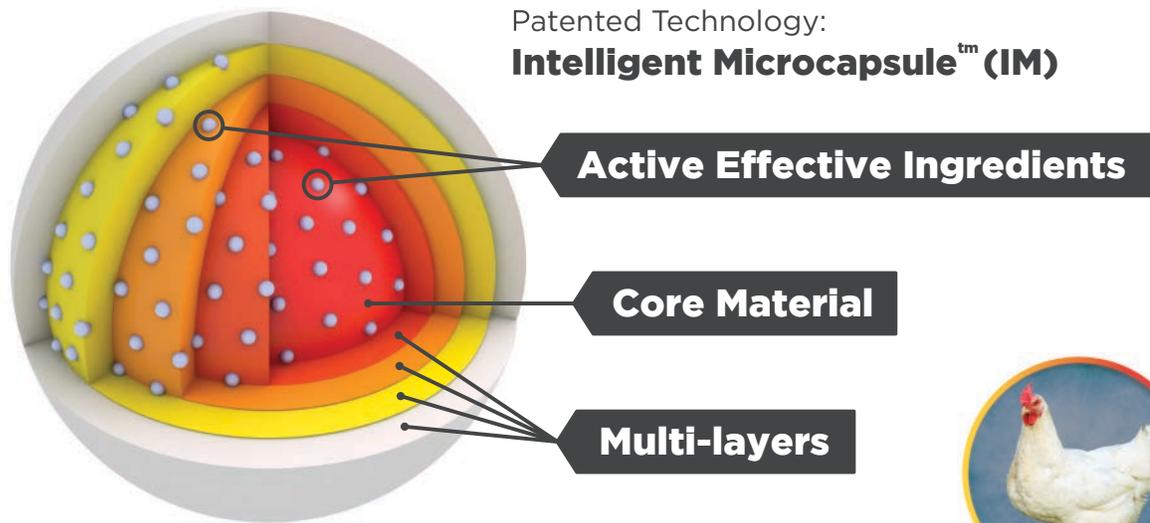




# CM3000 PLUS-Poultry

(for Broiler, Layer and Breeder)



**Ingredients**  
30% coated sodium butyrate  
70% patented auxiliary material

Using our patented Intelligent Microcapsule™ (IM) coating technology, specialized plant-based ingredients form a proprietary coating over the effective nutrients. In the animal's digestive system, the CM3000 coating protects these ingredients preventing release in the stomach, but allowing release in the small intestine. Both pH and time after consumption ensure release of the effective nutrients at the proper location within the digestive tract.

## Application Mechanism for CM3000 PLUS

Beyond its direct nutritional effects, CM3000 PLUS acts to enhance digestive system health via important physiological processes including:

- Inducing the absorption of water and sodium ions, replenishing energy to intestinal cells, promoting intestinal epithelial cell proliferation and stimulating intestinal blood flow
- Stimulating the secretion of pancreatic glandular cells, increasing the secretion of glucagon and insulin, and promoting the proliferation and maturation of gastrointestinal cells
- Promoting the proliferation of intestinal mucosal immune cells
- Inhibiting nitric oxide production to maintain regular intestinal permeability, protecting intestinal mucosa
- Significantly increasing villi height to crypt depth ratio in the duodenum and jejunum
- Benefits in intestinal health, including color and length, reducing watery feces

\*Data available upon request

**Field research and trials demonstrate the efficacy of CM3000 Plus for all types of poultry:**

**Breeders production performance**

At the peak laying stage/period, the rate of lay increased by 2.6% - 2.9% in maxim, 1.17% in average

**Layers production performance**

- Egg laying rate increased by 1.43% - 2.05%
- Egg-feed ration increased by 4.86% - 6.88%
- Cull Egg rate decreased by 11.83% - 15.05%
- Egg weight increased by 0.77% - 1.24%



**Broiler production performance**

- The survival rate of broiler chickens increased by 0.21% in the fourth week, 0.55% in the fifth week and 0.63% in the sixth week
- ADG of broiler chickens increased by 4.37%, market weight increased by 4.3% (121.16g/bird) at D42
- Feed conversion ration reduced by 5.29%
- Feed consumption reduced by 0.44% per house, the net profit of broiler increased by 0.56%

**Rates of Microcooperation for Poultry in Different Life Stages**

	Starter	Grower	Finisher	Peak	Mature
Broiler	400-600 g/t	200-400 g/t	150-300 g/t	-	-
Breeder	500 g/t	300-500 g/t	-	500-1000 g/t	500 g/t
Layer	250-500 g/t	250-500 g/t	-	-	150-300 g/t

**Product Specification**

Packaging: 20 kg/bag, 25 kg/bag  
 Storage: store in cool and dry place  
 Shelf Life: 24 months



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Research from university, independent and internal laboratories verify the physiological and production benefits described. Data available upon request.

KTG North America is a proud subsidiary of King Techina.